

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: J. William Doane

Serial No.: 10/587,591

Art Unit: 2629

Filed: July 28, 2006

Title: DRAPABLE LIQUID CRYSTAL TRANSFER DISPLAY FILMS

Docket No.: 36969US1

LETTER REQUESTING CORRECTED FILING RECEIPT

Office of Initial Patent Examination's
Filing Receipt Corrections
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a copy of the Official Filing Receipt for the above-identified application. The receipt contains an error in the "Foreign Applications" section of the receipt. The filing date for application no. 11006100 should read as follows:

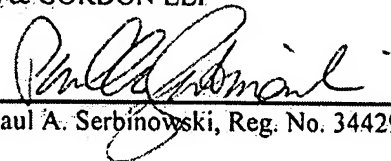
12/07/2004

Please issue a corrected filing receipt for this application and forward the same to the undersigned attorney of record.

Respectfully submitted,

PEARNE & GORDON LLP

By:


Paul A. Serbinowski, Reg. No. 34429

1801 East 9th Street
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Date: May 10, 2007

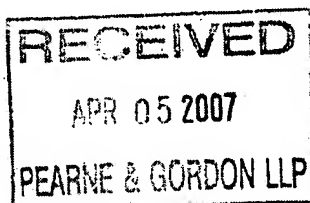


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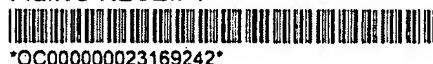
APPL NO.	FILING OR 371(c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLMS	IND CLMS
10/587,591	07/28/2006	2629	1350	36969US1	35	1

116
PEARNE & GORDON LLP
1801 EAST 9TH STREET
SUITE 1200
CLEVELAND, OH 44114-3108



CONFIRMATION NO. 2438

FILING RECEIPT



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Date Mailed: 04/02/2007

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

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Asad A. Khan, Kent, OH;
Irina Shiyankovskaya, Stow, OH;
Albert Green, Springfield, VA;

Assignment For Published Patent Application

Kents Displays Incorporated, Kent, OH

Power of Attorney: The patent practitioners associated with Customer Number 116.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/US05/03239 01/28/2005
which claims benefit of 60/539,873 01/28/2004
and claims benefit of 60/565,586 04/27/2004
and claims benefit of 60/598,163 08/02/2004

Foreign Applications

UNITED STATES OF AMERICA 10782461 02/19/2004
UNITED STATES OF AMERICA 11006100 ~~07/12/2004~~ 12/07/2004

If Required, Foreign Filing License Granted: 03/29/2007

The country code and number of your priority application, to be used for filing abroad under the Paris

Convention, is **US10/587,591**

Projected Publication Date: 07/05/2007

Non-Publication Request: No

Early Publication Request: No

Title

Drapable liquid crystal transfer display films

Preliminary Class

345

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Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process simplifies the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

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Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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60/565,586 27 April 2004 (27.04.2004) US
60/598,163 2 August 2004 (02.08.2004) US
11/006,100 7 December 2004 (07.12.2004) US

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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
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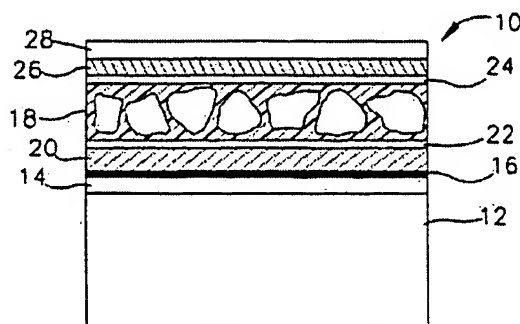
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Published:

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upon receipt of that report

[Continued on next page]

(54) Title: DRAPABLE LIQUID CRYSTAL TRANSFER DISPLAY FILMS



(57) Abstract: The present invention relates to a display film that may be transferred by lamination or otherwise onto a substrate. The display film is formed of a stack of layers that can include different types, arrangements, and functionality within the stack depending upon factors including the characteristics of the substrate (e.g., upper or lower, transparent or opaque, substrates) and addressing of the display (e.g., active or passive matrix, electrical or optical addressing). The layers of the stacked display film include one or more electrode layers and one or more liquid crystal layers and, in addition, may include various combinations of an adhesive layer, preparation layer, casting layer, light absorbing layer, insulation layers, and protective layers. The liquid crystal layer can include cholesteric or other liquid crystal material. The liquid crystal layer can be a dispersion of liquid crystal in a polymer matrix formed by a variety of techniques. The display film may interact with components mounted on or laminated to the substrate, including a solar cell, active matrix backplane and electrodes. The display film may be mounted onto flexible or drapable substrates such as fabric and can itself be drapable. Thus, the invention offers substantial flexibility in fabrication and design that has not been previously possible in the display industry.

WO 2005/072455 A2



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

**DECLARATION AND POWER OF ATTORNEY
FOR UTILITY OR DESIGN PATENT APPLICATION**

☒ Submitted with Initial Filing

☐ Submitted after Initial Filing
(Surcharge (37 CFR 1.16(e)) required)

Attorney Docket No.: 36969US1

First Named Inventor: J. William Doane

Application Number: _____

Filing Date: _____

Group Art Unit: _____

Examiner Name: _____

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DRAPABLE LIQUID CRYSTAL TRANSFER DISPLAY FILM

the specification of which (check only one item below)

☐ is attached hereto,

OR

☒ was filed on (MM/DD/YYYY) 01/28/2005 as United States Application Number or PCT International Application Number PCT/US2005/003239 and was amended on (MM/DD/YYYY) _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d), or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Country	Foreign Application No.	Foreign Appl. Filing Date (MM/DD/YYYY)	Priority Claimed? (Yes / No)

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

U.S. Provisional Application No.	U.S. Provisional Application Filing Date
60/539,873	01/28/2004
60/565,586	04/27/2004
60/598,163	08/02/2004

I hereby claim the benefit under 35 U.S.C. 120, of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Application No.	Parent Application Filing Date (MM/DD/YYYY)	Parent Patent No. (if available)
10/782,461	02/19/2004	N/A
11/006,100	12/07/2004	N/A

As a named inventor, I hereby appoint practitioners at Customer No. 000116 as my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Address all correspondence to Customer Number 000116.

Please direct all correspondence and inquiries to Paul A. Serbinowski at (216) 579-1700.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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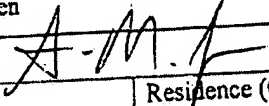
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